



Customer No. 26874  
PATENT TRADEMARK OFFICE

Substitute for Form PTO/1440

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

*Complete if Known*

Application No.	10/814,760
Filing Date	03/31/2004
First Named Inventor	BUCHANAN, Fiona C.
Art Unit	1637
Examiner Name	Pande

Sheet 1 of 2 Attorney Docket No. 0100024.0523741

### U.S. PATENT DOCUMENTS

Examiner initials	Cite No.	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind code <sup>2</sup> (if known)			
	US-				
	US-				

### FOREIGN PATENT DOCUMENTS

Examiner initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind code <sup>5</sup> (if known)				

### NON PATENT LITERATURE DOCUMENTS

Examiner initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
SP		BAGLEY C.P., et al. "Growth and Sexual Characteristics of Sucking Beef Calves as Influenced by Age at Castration and Growth Implants," J. Anim. Sci. 67: 1258-1264 (1989).	
		BARENDE W., et al., "A Medium Density Genetic Linkage Map of The Bovine Genome," Mammalian Genome 8: 21-28 (1997).	
		BUCHANAN F.C., et al. "Two QTLs for Growth Map to Bovine Chromosome 14," 27 <sup>th</sup> International Conference on Animal Genetics, Minneapolis, Minnesota (July 22-26, 2000).	
		BUCHANAN F.C., et al., "Association of A Missense Mutation in The Bovine Leptin Gene with Carcass Fat Content and Leptin mRNA levels," Genet. Sci. Evol. 34: 105-116 (2002).	SEC
		BUCHANAN F.C., et al., "A Corticotrophin-Releasing Hormone Polymorphism Associated With Post-Natal Growth in Beef Cattle," Proceedings of the 7 <sup>th</sup> World Congress on Genetics Applied to Livestock Production, CD-ROM communication no. 11-32 (2002 Paper).	SEC
		DUNN A.J., et al., "Physiological and Behavioral Responses to Corticotropin-Releasing Factor Administration: Is CRF a Mediator of Anxiety or Stress Responses?" Brain Research Reviews 15: 71-100 (1990).	SEC
SP		GROBET L., et al., "Molecular Definition of An Allelic Series of Mutations Disrupting the Myostatin Function and Causing Double-Muscling in Cattle," Mammalian Genome 9: 210-213 (1998).	SEC

EXAMINER SIGNATURE /Suchira Pande/ DATE CONSIDERED 08/07/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application No.	10/814,760
				Filing Date	03/31/2004
				First Named Inventor	BUCHANAN, Fiona C.
				Art Unit	1637
				Examiner Name	Pande
Sheet	2	of	2	Attorney Docket No.	0100024.0523741

SP		HOUSEKNECHT K.L., et al. "The Biology of Leptin: A Review," J. Anim. Sci. 76: 1405-1420 (1998).	SEC
		KRESS D. D., et al., "Beef Sire Expected Progeny Differences Calculated By Three Methods," J. Anim. Sci. 44: 195-202 (1977).	SEC
		LIU H-X, et al., "Exonic Splicing Enhancer Motif Recognized by Human SC35 Under Splicing Conditions," Molecular and Cellular Biology 20: 1063-1071 (2000).	SEC
		LIU H-X, et al., "A Mechanism For Exon Skipping Caused By Nonsense or Missense Mutations In BRCA1 and Other Genes," Nat Genet. 27: 55-58 (2001).	
		MARSH D.J., et al., "Response of Melanocortin-4 Receptor-Deficient Mice to Anorectic and Orexigenic Peptides," Nat. Genet 21: 119-122 (1999).	SEC
		PRITCHARD L.E., et al., "Pro-Opiomelanocortin Processing in The Hypothalamus: Impact on Melanocortin Signaling and Obesity," J. Endocrinol. 172: 411-421 (2002).	SEC
		ROCHE P.J., et al., "Nucleotide Sequence of The Gene Coding for Ovine Corticotropin-Releasing Factor and Regulation of Its mRNA Levels by Glucocorticoids," Gene 71: 421-431 (1988).	SEC
		SCHMUTZ S.M., et al., "Development of the Canadian Beef Reference Herd for Gene Mapping Studies," Theriogenology 55: 963-972 (2001).	SEC
		SAS, SAS/STAT User's Guide (Release 8.02), SAS Inst. Inc., Cary, NC (1998).	SEC
		SCHUMANN F.J., et al., "Prophylactic Tilmicosin Medication of Feedlot Calves At Arrival," Can. Vet. J. 31: 285-288 (1990).	SEC
		SHARPE P.M., et al., "Glucocorticoid Status in Growth, in: Buttery P.J. Haynes N.B., Lindsay D.B. (Eds.), "Control and Manipulation of Animal Growth, Butterworths, London: 207-222 (1986).	SEC
		SHIBAHARA S., et al., "Isolation and Sequence Analysis of The Human Corticotropin-Releasing Factor Precursor Gene," EMBO J. 2: 775-779 (1983).	SEC
		SZABO G., et al., "A Deletion in The Myostatis Gene Causes The Compact (Cmpt) Hypermuscular Mutation In Mice," Mammalian Genome 9: 671-672 (1998).	SEC
		THUE T.D., et al., "A SNP in The Cattle MC4R Gene is Used to Map MC4R to BTA 24," Anim. Genet. 32: 390-391 (2001).	SEC
		THUE T.D., et al., "Linkage Mapping of POMC to Bovine Chromosome 11," Anim. Genet. 34: 149 (2003).	
SP		BAGLEY C.P., et al. "Growth and Sexual Characteristics of Sucking Beef Calves as Influenced by Age at Castration and Growth Implants," J. Anim. Sci. 67: 1258-1264 (1989).	

EXAMINER SIGNATURE /Suchira Pande/ DATE CONSIDERED 08/07/2006  
 EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.